



Docket No. 0528-1080  
Appln. No. 10/614, 038

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) Automatic cycle pedal comprising:

a pedal body (1) having engagement members (2, 3) with a hooking element fixed below a cyclist's shoe and a cylindrical cartridge (5) containing a pedal axle (6) adapted to be fixed to a drive crank, said cartridge (5) being received in a cylindrical transverse recess (7) of the pedal, said recess being open at both ends,

the cylindrical recess having threading (9) coacting with screw threading on the cartridge (5) to permit the continuous adjustment of the transverse position of the cartridge in the recess between two operating positions,

~~holding means (10 to 15) for holding the cartridge (5) in a selected transverse position in the recess, wherein said holding means (10 to 15) comprise a blocking element for blocking rotation (10) of the cartridge (5), the blocking element being axially displaceable in said recess (7) and adapted to be connected to said cartridge (5) by a first positive locking means (11) on an end of said cartridge and a second positive locking means (13) on said blocking element (10), and~~

~~gripping means (15, 17, 18) for holding the blocking element against said cartridge (5) to place said first and second positive locking means (11, 13) in engagement with each other and block rotation of said cartridge a lock nut threaded onto further threading on said cartridge and accessible through the other of said ends of said recess, said lock nut having a loose position that permits transverse movement of said cartridge between said two operating positions and a tight position that engages said first and second positive locking means with each other to prevent transverse movement of said cartridge in said recess.~~

2. (previously presented) Pedal according to claim 1, wherein said blocking element comprises a member (20) for blocking rotation of said blocking element relative to said recess (7).

3. (previously presented) Pedal according to claim 2, wherein said member (20) comprises at least one radial lug provided on a periphery of said blocking element (10) and extending in an axial groove (21) in an internal wall of said recess (7).

4. (previously presented) Pedal according to claim 2, wherein said member is constituted by a non-circular shape of a periphery of said blocking element (10) which is complementary to a non-circular shape of an end zone of said recess (7).

5-7. (canceled)

8. (currently amended) Pedal according to claim 1, wherein said first and second positive locking means (11, 13) have complementary conical surfaces (12, 14), and said blocking element (10) comprises a resilient split ring that is urged open toward an internal wall of said recess (7) by movement of said ~~gripping means against said cartridge (5)~~ lock nut to the tight position.

9. (original) Pedal according to claim 1, wherein said first and second positive locking means (11, 13) comprise complementary ribs (13) and grooves (11).

10. (original) Pedal according to claim 9, wherein said ribs (13) and grooves (11) have a rounded cross-section.

11-15. (canceled)

16. (currently amended) An automatic cycle pedal comprising:

a pedal body (1) having shoe engagement members (2, 3) and a threaded cylindrical transverse recess (7) open at both ends;

a cylindrical cartridge (5) containing a pedal axle (6), said cartridge (5) being received in one of said ends of said cylindrical transverse recess and having threading coacting with the threading of said recess for adjustment of a transverse position of said cartridge in said recess between two operating positions;

a blocking element (10) that is axially displaceable in said recess and blocks rotation of said cartridge in said recess to hold said cartridge in a transverse position in said recess;

a first positive lock (11) on an end of said cartridge and a second positive lock (13) on said blocking element; and

~~gripping means (15, 17, 18) for placing said first and second positive locks in engagement with each other a lock nut threaded onto further threading on said cartridge and accessible through the other of said ends of said recess, said lock nut having a loose position that permits transverse movement of said cartridge between said two operating positions and a tight position that engages said first and second positive locks with each other to prevent transverse movement of said cartridge in said recess.~~

17. (previously presented) The pedal of claim 16, wherein said blocking element is an expandable split ring.

18. (currently amended) The pedal of claim 16, wherein said first and second positive locks comprise complementary convex and concave parts that mesh to stop relative rotation of said blocking element and said cartridge when said first and second positive locks are placed in engagement with each other by said gripping means lock nut.

19. (canceled)

20. (previously presented) The pedal of claim 16, wherein the threading of said recess is an internal threading and

the threading of said cartridge is complementary external threading.

21. (previously presented) The pedal of claim 16, wherein said blocking element comprises means for blocking rotation of said blocking element relative to said recess.

22. (previously presented) The pedal of claim 21, wherein said means for blocking comprises a radial lug on a periphery of said blocking element that extends into an axial groove in an internal wall of said recess.

23. (previously presented) The pedal of claim 21, wherein said means for blocking comprises a non-circular shape of a periphery of said blocking element and a complementary a non-circular shape of an end of said recess.

24. (new) Pedal according to claim 1, wherein the tight position of said lock nut holds said cartridge in a further operating position in said recess that is between said two operating positions.

25. (new) The pedal of claim 16, wherein the tight position of said lock nut holds said cartridge in a further operating position in said recess that is between said two operating positions.